## **ABSTRACT**

The inventors propose a combination of an HMG-CoA reductase inhibitor (also referred to as "HMG-CoA inhibitor(s)"), and COX-2 inhibitor for the treatment of cancer especially prostate cancer and a method of treatment of cancer by that combination, especially prostate cancer. The inventors propose a combination of an HMG-CoA reductase inhibitor, COX-2 inhibitor, and glutathione pathway enhancing and detoxifying compound, particularly cystine, for the treatment of cancer especially prostate cancer and a method of treatment of cancer by that combination, especially prostate cancer. Also contemplated is the addition of lipoic acid and compounds to maintain adequate levels of Selenium, Vitamin C and Vitamin E. Based on the clinical results of retardation, but not cure of cancer, the combination has the characteristic of sufficiently interfering with replication and apparently restoring the immune system capacity to manage cancer.

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